CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	CP-2018-01-06-05 **Date: 11/01/2018**
Customer	:	Assistant Executive Engineer, Project Sub division, BBMP, Bangalore.
Address	:	Project Sub division, BBMP, Bangalore.
Project Name	:	Improvements to CC roads and RCC drains in Mallasandra Ward no.13
Agency	:	The Technical Manager, KRIDL, No.280, 59th cross, 17th 'C' main road, 3rd 'Y' block, Rajajinagar, Bangalore-560010.
Customer's Reference	:	BBMP/EE/PD/WO/03/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	06-01-18
Sample ID No	:	2018-01-06-05/03
Customer ID	:	Drain Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	11/01/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Concrete	M20	04/01/2018	11/01/2018	151.28 X 149.42 X 151.46	22604	8.157	404.6	17.9	
2	Drain Concrete	M20	04/01/2018	11/01/2018	150.62 X 150.71 X 150.38	22700	8.178	413.1	18.2	17.9
3	Drain Concrete	M20	04/01/2018	11/01/2018	149.74 X 151.34 X 151.73	22662	8.190	401.1	17.7	

Note:
The results pertain to the samples received and tested.
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Samples will be disposed after 30 days from the date of issue of test certificate

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

Asst. Executive Engineer
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****End of Report****

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TEST REPORT OF CEMENT CONCRETE CUBES

CP/TF/01

Date: 01/02/2018

Lab ID	:	CP-2018-01-06-05
Customer	:	Assistant Executive Engineer, Project Sub division, BBMP, Bangalore.
Address	:	Project Sub division, BBMP, Bangalore.
Project Name	:	Improvements to CC roads and RCC drains in Mallasandra Ward no.13
Agency	:	The Technical Manager, KRIDL, No.280, 59th cross, 17th 'C' main road, 3rd 'Y' block, Rajajinagar, Bangalore-560010.
Customer's Reference	:	BBMP/EE/PD/WO/03/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	06-01-18
Sample ID No	:	2018-01-06-05/04
Customer ID	:	Drain Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	01/02/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Concrete	M20	04/01/2018	01/02/2018	151.19 X 150.62 X 151.23	22772	8.296	507.8	22.3	21.8
2	Drain Concrete	M20	04/01/2018	01/02/2018	151.16 X 150.91 X 150.72	22812	8.192	495.0	21.7	
3	Drain Concrete	M20	04/01/2018	01/02/2018	149.97 X 151.26 X 151.33	22684	8.169	483.2	21.3	

Note:

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TEST RESULTS OF STEEL

Lab ID	:	CP-2017-12-23-03
Customer	:	Assistant Executive Engineer, Project Sub division, BBMP, Bangalore.
Address	:	Project Sub division, BBMP, Bangalore.
Project Name	:	Improvements to CC roads and RCC drains in Mallasandra Ward no.13
Agency	:	The Technical Manager, KRIDL, No.280, 59th cross, 17th 'C' main road, 3rd 'Y' block, Rajajinagar, Bangalore-560010.
Customer's Reference	:	BBMP/EE/PD/WO/03/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	23-12-17
Sample ID No	:	2017-12-23-03/01
Sample Type	:	SUNVIK
Reference to BIS codes	:	IS 1786-2008, IS:1608-2005(RA 2011), IS 1599-2012.
Date of test:	:	23-12-17

Date: 25-12-17

Sl.No	Identification of sample	Grade of the sample	Diameter of the steel bar	Weight of the sample	Yield stress	Tensile strength	Elongation	Bend test	Rebend test
			(mm)	(kg/m)	(N/mm2)	(N/mm2)	(%)		
1	SUNVIK	Fe500	8	0.392	542	672	20.0%	Satisfactory	Satisfactory
2	SUNVIK	Fe500	10	0.615	568	685	20.0%	Satisfactory	Satisfactory

Note:

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Samples will be disposed after 30 days from the date of issue of test certificate

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CIVIL PRO BANGALORE Sig. Date

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CP/TR/01

TEST REPORT OF PRECAST COVER SLAB

Lab ID	:	CP-2017-11-23-03	Date: 27-11-17
Customer	:	Assistant Executive Engineer, Project Sub division, BBMP, Bangalore.	
Address	:	Project Sub division, BBMP, Bangalore.	
Project Name	:	Improvements to CC roads and RCC drains in Mallasandra Ward no.19	
Agency	:	The Technical Manager, KRIDL, No.280, 59th cross, 17th 'C' main road, 3rd 'T' block, Rajajinagar, Bangalore-560010.	
Customer's Reference	:	BBMP/EE/PD/WG/03/2017-18	
Source of Sample	:	Sample supplied by Agency	
Sample Condition	:	Satisfactory	
Date of Receipt	:	23-11-17	
Sample ID No	:	2017-11-23-03/02	
Sample Type /Size	:	Precast Cover Slab	
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete	
Date of test	:	23/11/2017	

Sl. No.	Identification Mark	Diameter of the core	Height of the core	Weight of the core	Area	Failure Load	Core Compressive strength	Corrected Cylinder Compressive strength	Equivalent Cube Compressive strength
		(mm)	(mm)	(mm)	(Sq.mm)	(KN)	(N/mm^2)	(N/mm^2)	(N/mm^2)
1	Cover Slab-1	75.38	100.63	1.246	4462	100.9	22.6	24.9	26.2
2	Cover Slab-2	75.44	100.25	1.225	4469	102.3	22.9	25.3	26.6
3	Cover Slab-3	75.56	100.81	1.247	4483	98.5	22.0	24.4	25.5

Note:

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TEST REPORT OF CEMENT CONCRETE KERB STONE

Date: 29-11-17

Lab ID	:	CP-2017-11-25-03
Customer	:	Assistant Executive Engineer, Project Sub division, BBMP, Bangalore.
Address	:	Project Sub division, BBMP, Bangalore.
Project Name	:	Improvements to CC roads and RCC drains in Mallasandra Ward no.13
Agency	:	The Technical Manager, KRIDL, No.280, 59th cross, 17th 'C' main road, 3rd 'Y' block, Rajajinagar, Bangalore-560010.
Customer's Reference	:	BBMP/EE/PD/WO/03/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	25-11-17
Sample ID No	:	2017-11-25-03/02
Sample Type /Size	:	CC Kerb Stone/ 450*165*400mm
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete
Date of test	:	25/11/2017

Sl. No.	Identification Mark	Diameter of the core	Height of the core	Weight of the core	Area	Failure Load	Core Compressive strength	Corrected Cylinder Compressive strength	Equivalent Cube Compressive strength
		(mm)	(mm)	Kg	(Sq.mm)	(KN)	(N/mm2)	(N/mm2)	(N/mm2)
1	A	100.46	165.63	2.754	7925	132.7	16.7	15.6	19.5
2	B	100.32	165.58	2.763	7903	135.2	17.1	17.1	21.4
3	C	100.18	165.31	2.735	7881	135.1	17.1	17.1	21.4

Note:
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